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| <b>SUBSTITUTE FOR FORM 1449/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(USE AS MANY SHEETS AS NECESSARY) | ATTY. DOCKET NO.:              | SERIAL NO.: |
|  | 2002.750 US                    | 10/540,336  |
|  | APPLICANT:                     |             |
|  | CORNELIS MARIUS TIMMERS ET AL. |             |
| EXAMINER NAME:   |                                |             |
| David K. O'Dell  |                                |             |
| FILING DATE:   | ART UNIT:                      |             |
| 01/10/2006   | 1625                           |             |

Sheet 1 of 4

### U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | CITE<br>NO. <sup>1</sup> | DOCUMENT<br>NUMBER | PUB.<br>DATE.<br>mm-dd-yyyy | NAME OF PATENTEE OR<br>APPLICANT | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|----------------------|--------------------------|--------------------|-----------------------------|----------------------------------|---|
|                      | AA                       | 2004/0236190       | 1/02/2004                   | Van Straten                      |   |
|                      | AB                       | 2006/0142334       | 01/10/2006                  | Cornelis Marius Timmers          |   |
|                      | AC                       | 2006/0167047       | 07/27/2006                  | Cornelis Marius Timmers          |   |
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### FOREIGN PATENT DOCUMENTS

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|----------------------|--------------------------|--------------------|-----------------------------|----------------------------------|---|
|                      | AD                       | WO 96/019458       | 06/27/1996                  | Ligand Pharmaceuticals           |   |
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|---|-----------------------|---|------------------|
| Sheet 2 of 4  |                       |   |                  |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |                       |   |                  |
| Examiner initials*  | Cite no. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>   |
|   | AE                    | CAS 327981-38-4   |                  |
|   | AF                    | CAS 360760-14-1   |                  |
|   | AG                    | CAS 299418-67-0   |                  |
|   | AH                    | CAS 299970-20-0   |                  |
|   | AI                    | CHEMICAL ABSTRACTS, vol. 79, no. 9, September 3, 1973, Columbus, Ohio, US; abstract no 53152; LUGOVIK, B. A. ET AL: "Structure of compounds obtained from the interaction of 1, 2-dihydroquinolines with alkylbenzenes"   |                  |
|   | AJ                    | CHEMICAL ABSTRACTS, vol. 77, no. 25, December 18, 1972, Columbus, Ohio, US; abstract no. 164415, LUGOVIK, B.A.ET AL: "Reaction of 1, 2-dihydroquinolines with benzene and halobenzenes"   |                  |
|   | AK                    | CHEMICAL ABSTRACTS, vol. 105, no. 7, August 18, 1986, Columbus, Ohio, US; abstract no. 56990, SHMYREVA, ZH. V. ET AL: "Modification of anion exchanger Fuolite A 368 PR for the covalent immobilization of glucoamylase"  |                  |
|   | AL                    | CHEMICAL ABSTRACTS, "AMBINTER SCREENING COLLECTION", May 31, 2001   |                  |
|   | AM                    | CHEMICAL ABSTRACTS, Columbus Ohio, "VITAS-M SCREENING COLLECTION", March 22, 2001   |                  |
|   | AN                    | Atanes et. al., "Synthesis of 7-Substituted Dehydronoraporphines, with some Biogenetic Considerations," <i>Tetrahedron</i> 50 (1994) 11257-11266.   |                  |
|   | AO                    | Barmettler et. al., "Acid-Catalyzed [3,3]-Sigmatropic Rearrangements of N-Propargylanilines," <i>Helv. Chim. Acta</i> 73 (1990) 1515-1573.  |                  |
|   | AP                    | Bonnat et. al., "The Solid Phase Synthesis of a Guanidinium Based 'Tweezer' Receptor," <i>Tetrahedron Lett.</i> 37 (1996) 5409-5412.  |                  |
|   | AQ                    | Bouyssou et. al., "Synthesis of 7- and 5,7-Substituted-6-fluoro-2-methyl-1,2,3,4-tetrahydroquinolines: Convenient Precursors of Quinolone Antibacterial Agents," <i>J. Heterocycl. Chem.</i> 29 (1992) 895-898.   |                  |
|   | AR                    | Cerfontain et al., "The Positional Reactivity Order in the Sulfur Trioxide Sulfonation of Benzene and Naphthalene Derivatives Containing an Electron-Withdrawing Substituent," <i>Recl. Trav. Chim. Pays-Bas</i> , 113 (1994) 403-410.                          |                  |
|   | AS                    | Coppock, A., "New Synthesis of Aryl Esters of Aromatic Acids," <i>J. Org. Chem.</i> 22 (1957) 325-326.  |                  |
|   | AT                    | Edwards et. al., "Lewis-acid Catalyzed Reaction of 2-Isopropenylaniline with Ketones: Improved Synthesis of 2,2,4-Trisubstituted 1,2-Dihydroquinolines," <i>Tetrahedron Lett.</i> 39 (1998) 5139-5142.  |                  |
|   | AU                    | Hayler et. al., "The Design and Synthesis of Thrombin Inhibitors: The Introduction of In Vivo Efficacy and Oral Bioavailability into Benzthiazolylalanine Inhibitors," <i>Bioorg. Med. Chem. Lett.</i> 10 (2000) 1567-1570.                                     |                  |
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| Sheet 3 of 4   |                       |   |                |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |                       |   |                |
| Examiner initials*   | Cite no. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|  | AV                    | Jia et al., "Expression of Human Luteinizing Hormone (LH) Receptor: Interaction with LH and Chorionic Gonadotropin from Human but not Equine, Rat, and Ovine Species," <i>Mol. Endo.</i> 5 (1991) 759-768.  |                |
|  | AW                    | KNOEVENAGEL, E., "Information on the Ketone Anils, I: Preparation of Aliphatic Ketone Anils and Alkaline Hydrolysis of Ketone Anil Iodoalkylates," <i>Ber. Dtsch. Chem. Gesellschaft</i> 54 (1921) 1722-1730 (English-language translation attached.)           |                |
|  | AX                    | Lin et. al., "Substitution Reaction of Tetracyanoethylene with Acetone-Anils," <i>J. Chin. Chem. Soc.</i> 43 (1996) 497-501.  |                |
|  | AY                    | Lugovik et. al., "Dokl. Akad. Nauk SSSR, 170:340, 1966 (with English language abstract attached thereto).   |                |
|  | AZ                    | Lugovik, B.A., et. al., <i>Khim. Geterosikl. Soedin</i> , 7:795, 1971 (with English language abstract attached thereto).  |                |
|  | BA                    | Lugovik, et al., "Reactions of 1,2-Dihydroxyquinolines IV. Reaction of 2,2,4-Trimethyl-1,2-Dihydroxyquinolines with Cyclohexane," <i>Khimiya geterotsiklicheskikh soedinenii</i> 7 (1972) 977-980, (English-language translation attached.)                     |                |
|  | BB                    | Mellor et. al., "Reaction of Electron Rich Alkenes with Anilines and Formaldehyde: Syntheses of Tetrahydroquinolines," <i>Tetrahedron</i> 51 (1995) 6115-6132.  |                |
|  | BC                    | Miyaura et. al., "Palladium-Catalyzed Inter- and Intramolecular Cross-Coupling Reactions of <i>B</i> -Alkyl-9-borabicyclo[3.3.1]none Derivatives with 1-Halo-1-alkenes or Haloarenes," <i>J. Am. Chem. Soc.</i> 111 (1989) 314-321.                             |                |
|  | BD                    | Montana et. al., "ARYL SULFONAMIDES AS SELECTIVE PDE4 INHIBITORS," <i>Bioorg. Med. Chem. Lett.</i> 8 (1998) 2635-2640.  |                |
|  | BE                    | Navot et al., "The Use of Follicle-Stimulating Hormone for Controlled Ovarian Hyperstimulation in <i>in Vitro</i> Fertilization," <i>J. In Vitro Fert. Embryo Transfer</i> 5 (1988) 3-13.   |                |
|  | BF                    | Rao, A.J., "Is there a role for contraceptive vaccines in fertility control?," <i>Journal of Bioscience</i> , Vol. 26, No. 4, Suppl., pgs. 425-427 (2001)   |                |
|  | BG                    | Schlosser, M., "SELECTIVE MONO- OR DIMETALATION OF ARENES BY MEANS OF SUPERBASIC REAGENTS," <i>Tetrahedron</i> 46 (1990) 5633-5648.   |                |
|  | BH                    | Shmyreva et. al., <i>Khim. Tekhnol.</i> 31:45, 1988 (with English language abstract attached thereto).  |                |
|  | BI                    | Shmyreva et. al., <i>Obshch. Khim.</i> 59:1391, 1989 (with English language abstract attached thereto).   |                |
|  | BJ                    | Stratowa, et al., "Use of a Luciferase Reporter System for Characterizing G-Protein-Linked Receptors," <i>Curr. Opin. Biotech.</i> 6 (1995) 574-581.  |                |
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|   | BK                    | Suzuki, A., "Organoborates in New Synthetic Reactions," <i>Acc. Chem. Res.</i> 15 (1982) 178-184.   |                |
|   | BL                    | Walter, H., "Eine neue einfache Synthese spirocyclischer 1H-Chinolin-Derivate," <i>Helv. Chim. Acta</i> 75 (1992) 1274-1280 (with English language abstract attached thereto).  |                |
|   | BM                    | Walter, H., "A Novel Approach to 2,2-Disubstituted 1,2-Dihydro-4-phenylquinolines," <i>Helv. Chim. Acta</i> 77; (1994) 608-614.   |                |
|   | BN                    | Walter et al., "Acid Catalyzed Reactions of 2-vinylaniline Derivatives with Cyclic Ketones of the Tetralone-, Chroman-4-one- and 2,3-Dihydro-1H-quinolin-4-One Series," <i>Heterocycles</i> 41 (1995) 1251-1269.  |                |
|   | BO                    | International Search Report No. PCT/EP03/51024, 30 June 2004  |                |
|   | BP                    | Notice of Allowance for U.S. Patent Application No. 10/540,335 mail date 08/14/2009   |                |
|   | BQ                    | Non-Final Office Action dated December 5, 2008 for U.S. patent application 10/540,335 filed January 10, 2006  |                |
|   | BR                    | RN 339273-93-7 Registry   |                |
|   | BS                    | RN 91147-49-8 Registry  |                |
|   | BT                    | RN 332904-33-3 Registry   |                |
|   | BU                    | International Search Report No. PCT/EP02/07053, 07 October 2002   |                |
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